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INFORMATION DISCLOSURE STATEMENT

Sir:

For

This information disclosure statement is being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office in accordance with 37 CFR §1.56.

Copies of the items and PTO Form 1449 have been attached.

U.S. PATENT DOCUMENTS

U.S. Patent No. 4,676,146

U.S. Patent No. 4,840,113

U.S. Patent No. 5,072,657

FOREIGN PATENT DOCUMENTS

PATENT NO.

RELEVANCE

DE 37 19 835 A1

Corresponds to the attached U.S. Patent No. 4,840,133, issued June 20, 1989.

Respectfully submitted,

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Sheet 1 of 1 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY DOCKET NO.: TRW(AEC) 5938 SERIAL NO. 09/966,194 PATENT AND TRADEMARK OFFICE (REV. 6-89) INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT(S): Michael Demerath (Use several sheets finecessary) FILING DATE: September 28, 2001 GROUP: 3749 **U.S. PATENT DOCUMENTS** FILING DATE **EXAMINER** INITIAL SUB DOCUMENT NUMBER DATE NAME CLASS CLASS APPROPRIATE 4 6 7 6 1 4 6 Jun. 30, 1987 Takahashi et al. 4 8 4 0 1 3 1 Jun. 20, 1989 Freitag et al. 5 7 0 2 6 5 7 Dec. 17, 1991 Sakai RECEIVED AUG 2 0 2003 TECHNOLOGY CENTER \$3700 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUB CLASS YES NO 7 DE 3 9 1 8 3 5 A1 22 Dec. 1988 Germany OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)